









PRODUCT (GROUP #)	ACTIVE INGREDIENT	KEY BENEFITS AND USES	RATE	ADJUVANT REQ'D*	PACKAGING ACRES TREATED	PRICE/ ACRE
PRE-SEED						
 SOMBRERO® 600 FS (4) (seed treatment)	Imidacloprid	Long-lasting, early-season control of tough insect pests—including wireworms and flea beetles	Flea beetle: 667–1333 ml/100 kg of seeds Wireworms: 17–50 ml/100 kg of seeds	No	Case: 8 x 1.54 L jugs	
 EMPHASIS™ (6 & 14)	Carfentrazone-ethyl & bromoxynil	Multiple modes of action and fast burndown control of broadleaf (including Group 2-, 4-, 5- and 9-resistant biotypes) and grassy weeds (when mixed with glyphosate at a rate of 0.5 REL/acre)	EMPHASIS™ A: 15/acre BROMOTRIL®: 236 ml/ac	No	Co-pack includes: · 2 x 0.6 L jugs of EMPHASIS™ A · 2 x 9.7 L jugs of BROMOTRIL® 80 ac/co-pack	
IN-CROP						
 ARROW® 240 EC (1)	Clethodim	Broad-spectrum grassy weed control	Light infestations: 50 ml/ac Standard rate: 75 ml/ac Quackgrass: 150 ml/ac	Included in co-pack	Co-pack includes: · 1 x 3 L jug · 1 x 9 L jug of X-ACT 20–60 ac/co-pack	
 ARROW ALL IN® (1)	Clethodim	Unique formulation to ADAMA which provides superior grassy weed control with the convenience of a built-in surfactant Excellent tank-mix partner with Liberty®	Light infestations: 100 ml/ac Standard rate: 150 ml/ac Quackgrass control: 300 ml/ac	Built into formulation	Case: 2 x 6 L jugs Drum: 96 L 20–60 ac/jug 320–960 ac/drum	
 LEOPARD® (1)	Quizalofop-P-ethyl	Control of hard-to-kill grassy weeds	150–290 ml/ac	Yes	Case: 2 x 7.8 L jugs 27–52 ac/jug	
 SILENCER® 120 EC (3)	Lambda-cyhalothrin	Control of crucifer flea beetle, lygus bug, cabbage seedpod weevil (adults), imported cabbageworm, diamondback moth larvae, cabbage looper, bertha armyworm	25–33 ml/ac	No	Case: 4 x 3.785 L jugs 113–135 ac/jug	
 ZIVATA™ (3)	Lambda-cyhalothrin	Same trusted active but in a renewable sourced formulation with low volatile organic properties that improves the user experience and reduces drift potential and product volatility.	17–94 ml/ac (standard rate: 34 ml/ac)	No	Case: 2 x 4.08 L jugs 45–240 ac/jug (standard rate: 120 ac/jug)	
 BUMPER® 432 EC (3)	Propiconazole	Control of blackleg and enhanced yield potential during the early stages of canola growth NOTE: Disease may reappear later in the season, but with minimal effect on yield.	Early-season: 60 ml/ac Standard rate: 120 ml/ac	No	Case: 2 x 4.8 L jugs 40–80 ac/jug	
 SORATEL™ (3)	Prothioconazole	Advanced disease protection with a built-in surfactant—powered by Asorbital™ Formulation Technology Control of Sclerotinia stem rot	240–280 ml/ac (standard rate: 240 ml/ac)	Built into formulation	Case: 2 x 9.6 L jugs 30–40 ac/jug (standard rate: 40 ac/jug)	
PRE-HARVEST AID						
 ARMORY® 240 (22)	Diquat	More precise harvest timing with fast drydown of crops, protecting yield and grade, and reducing disease transmission late in the season	Ground: 500–690 ml/ac Aerial: 690–930 ml/ac	Yes	Case: 2 x 10 L jugs Drum: 120 L 15–20 ac/jug 130–175 ac/drum	

* These products must be used with a labelled surfactant or adjuvant. See product label for rates.



INSECTICIDE



HERBICIDE (BROADLEAF)



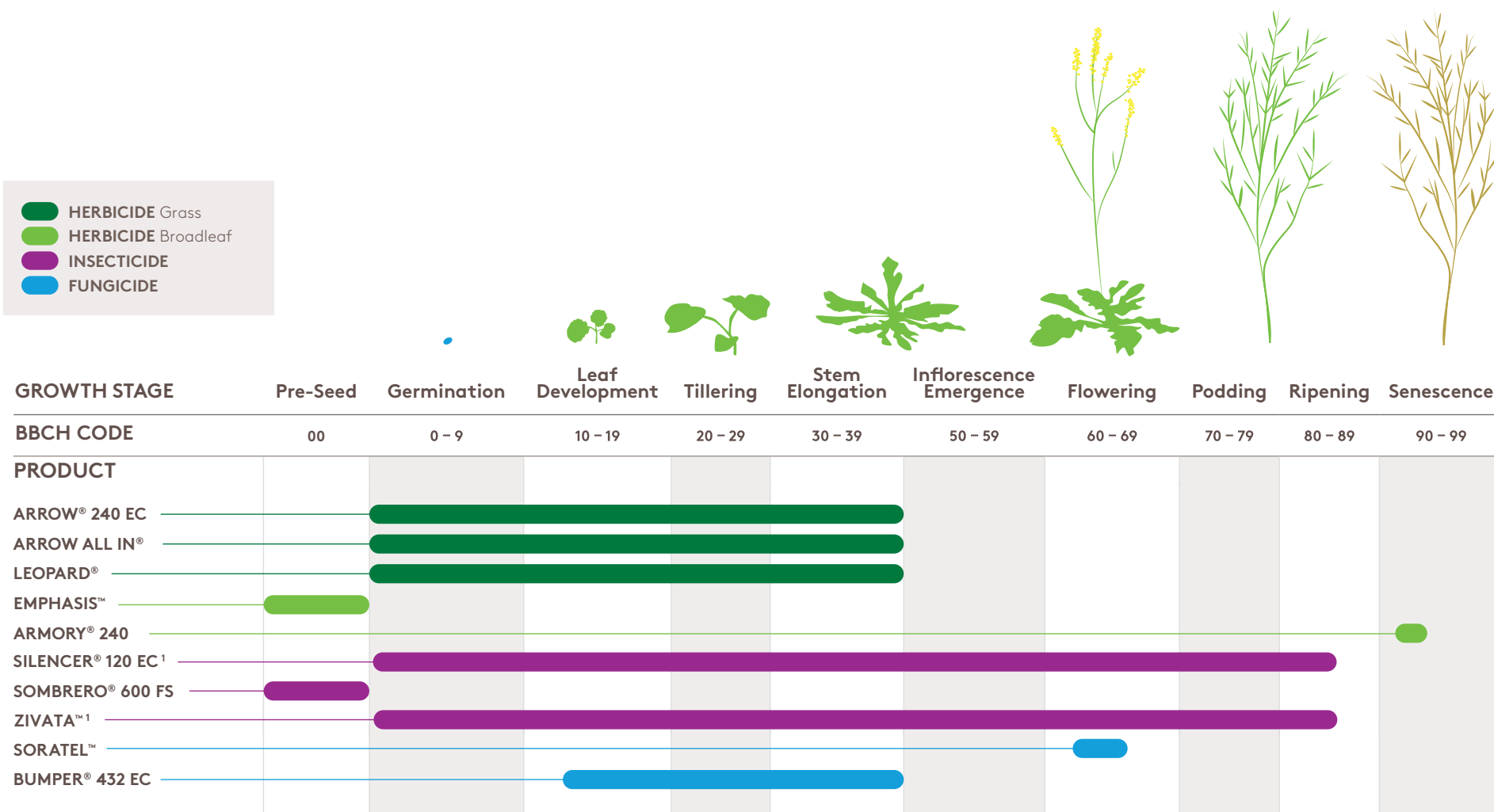
HERBICIDE (GRASS)



FUNGICIDE

NOTE: These are just a few of the many ADAMA crop protection products available for canola growers in Western Canada. For a complete list of registered products and labels, please visit our website at www.adama.com

- HERBICIDE Grass
- HERBICIDE Broadleaf
- INSECTICIDE
- FUNGICIDE



Timing based on using the product alone. Please refer to tank-mix partner labels for crop timing.

¹Dependent on Pre-harvest Interval (PHI)

 Always read and follow label directions.

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